

IN THE CLAIMS

Please amend the claims as follows:

1 1. (currently amended) A method for displaying variable values within a software debugger,
2 said method comprising:

3 extracting a plurality of variables from a program monitored by a software
4 debugger;

5 allowing a user to designate a stopping point within said program and a subset of
6 variables from said plurality of variables to be associated with said designated stopping
7 point;

8 during an execution of said program within said software debugger, updating
9 values of only said subset of variables when said execution of said program stopped at
10 said designated stopping point; and

11 displaying said updated values of only said subset of variables.

1 2. (original) The method of Claim 1, wherein said stopping point is a breakpoint.

1 3. (original) The method of Claim 1, wherein said method further includes storing said
2 designated stopping point and said subset of variables associated with said designated stopping
3 point in a variable association table.

1 4. (currently amended) A computer program product residing on a computer usable medium
2 for displaying variable values within a software debugger, said computer program product
3 comprising:

4 program code means for extracting a plurality of variables from a program
5 monitored by a software debugger;

6 program code means for allowing a user to designate a stopping point within said
7 program and a subset of variables from said plurality of variables to be associated with
8 said designated stopping point;

9 program code means for updating values of only said subset of variables, during
10 an execution of said program within said software debugger, when said execution of said
11 program stopped at said designated stopping point; and

12 program code means for displaying said updated values of only said subset of
13 variables.

1 5. (original) The computer program product of Claim 4, wherein said stopping point is a
2 breakpoint.

1 6. (original) The computer program product of Claim 4, wherein said computer program
2 product further includes program code means for storing said designated stopping point and said
3 subset of variables associated with said designated stopping point in a variable association table.

1 7. (currently amended) A computer system having a software debugger, said computer
2 system comprising:

3 a processor;

4 a monitor coupled to said processor; and

5 a memory coupled to said processor, wherein said memory includes

6 means for extracting a plurality of variables from a program monitored by
7 a software debugger;

8 means for allowing a user to designate a stopping point within said
9 program and a subset of variables from said plurality of variables to be
10 associated with said designated stopping point;

11 means for updating values of only said subset of variables, during an
12 execution of said program within said software debugger, when said
13 execution of said program stopped at said designated stopping point; and

14 means for displaying said updated values of only said subset of variables.

1 8. (original) The computer system of Claim 7, wherein said stopping point is a breakpoint.

1 9. (original) The computer system of Claim 7, wherein said computer system further includes
2 a variable association table for storing said designated stopping point and said subset of variables
3 associated with said designated stopping point.

Please add Claims 10-12 as follows:

- 1 10. (new) The method of Claim 1, wherein said displaying further includes graying out a
2 variable when displaying said variable if said variable is not one of said subset of variables.
- 1 11. (new) The computer program product of Claim 4, wherein said program code means for
2 displaying further includes program code means for graying out a variable when displaying said
3 variable if said variable is not one of said subset of variables.
- 1 12. (new) The computer system of Claim 7, wherein said means for displaying further
2 includes means for graying out a variable when displaying said variable if said variable is not one
3 of said subset of variables.